

High Tunstall College of Science Curriculum Intent

Subject: Geography Year: 8 Half term: 3

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| **Unit: Natural Planet - Coasts** | **Progress** |
| **Key ideas** | **R** | **A** | **G** |
|  Coasts and their features |   |   |   |
|  Wave action |   |   |   |
| Features formed by erosion; cave, arch, stack and stump. |   |   |   |
| Features formed by deposition; beaches |   |   |   |
| Features formed by transportation; longshore drift & spits |   |   |   |
| Coastal defence strategies |  |  |  |
| Independent study of a coastal area |  |  |  |

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| **Lesson** | **Learning Focus** | **Assessment** | **Key Words** |
| **1** | To think about what we already know about coastsTo be able to give a definition of the term ‘coast’To recognise and name some coastal features  | Formative questioning, Summative test, Triple Challenge, Regular Recall, ILOs. | Coast, Land, Sea |
| **2** | How different types of waves shape the coastWhat is erosion?The four types of erosion | Formative questioning, Summative test, Triple Challenge, Regular Recall, ILOs. | Backwash, Swash, Constructive, Destructive, Abrasion, Solution, Hydraulic Action, Attrition |
| **3** | Features formed by coastal erosionHow is a cave, arch, stack and stump formed? | Formative questioning, Summative test, Triple Challenge, Regular Recall, ILOs. | Headland, Bay, Cliff, Joint, Cave, Arch, Stack, Stump, Erosion |
| **4** | Features formed by coastal depositionHow is a beach formed?Coasts on maps | Formative questioning, Summative test, Triple Challenge, Regular Recall, ILOs. | Beach, Sediment, Deposition |
| **5** | Features formed by coastal transportationWhat is longshore drift? | Formative questioning, Summative test, Regular Recall, ILOs. | Prevailing Wind, Longshore Drift, Swash, Backwash. |
| **6** | Features formed by coastal transportationWhat are spits and how are they formed? | Formative questioning, Summative test, Regular Recall, ILOs. | Spit. |
| **7** | To be able to name coastal defence schemesTo be able to describe and explain how some coastal defence schemes work | Formative questioning, Summative test, Regular Recall, ILOs. | Sea Wall, Rock Armour, Groyne, Beach Nourishment, Dune Regeneration |
| **8** | Consider the costs and benefits of some coastal defence schemes, using a named example of an area. | Formative questioning, Summative test, Regular Recall, ILOs. |
| **9** | To complete **independent research** To **investigate** a **UK coastal** area | Formative questioning, Summative test, Triple Challenge, Regular Recall, ILOs. | See above. |